



# VE HYBRID WATER BOILER & WARMER OPERATING INSTRUCTIONS

## CV-DYC40

### INDEX

IMPORTANT SAFEGUARDS.....	2
SPECIFICATIONS.....	5
PARTS NAMES AND FUNCTIONS.....	6
BOIL MODE.....	8
DISPENSE HOT WATER.....	10
DISPOSE WATER.....	10
AUTOMATIC SHUT-OFF FUNCTION.....	11
REBOIL MODE.....	11
208°F KEEP WARM MODE.....	12
175°F KEEP WARM MODE.....	12
VACUUM INSULATION KEEP WARM MODE.....	13
CORDLESS DISPENSING.....	14
● INSTALL BATTERIES.....	15
HOW TO CHANGE THE INFORMATION SOUND.....	16
CAFÉ DRIP DISPENSING MODE.....	16
ENERGY-SAVING TIMER FUNCTION.....	16
CLEANING AND MAINTENANCE.....	18
● HOW TO REPLACE THE INNER LID GASKET.....	18
HOW TO PERFORM CITRIC ACID CLEANING.....	19
REPLACEMENT PARTS.....	19
Q&A ON PRODUCT USE.....	20
TROUBLESHOOTING GUIDE.....	20

# IMPORTANT SAFEGUARDS

---

## **BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED WHEN USING ELECTRICAL APPLIANCES, INCLUDING THE FOLLOWING:**

1. Read all instructions thoroughly.
2. Avoid touching hot surfaces and do not close or clog the steam vent opening under any circumstances. The handles and knobs are provided for your safety and protection.
3. To safeguard against fire, electric shock and possible injury, keep the power cord, plugs and the appliance away from water or other liquids.
4. Close supervision is recommended when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow the appliance to cool before adding or removing parts, and before cleaning the appliance.
6. Do not use or operate any appliance with a damaged cord or plug. If the appliance malfunctions or has been damaged in any manner, unplug the appliance and return it to the nearest authorized service facility or dealer for examination, repair or adjustment.
7. The use of accessories or attachments not recommended by the appliance manufacturer may result in fire, electric shock or other injury to persons.
8. Do not use outdoors.
9. Keep the power cord away from hot surfaces and do not let the cord hang over the edge of tables or counters.
10. Do not place on or near a heated surface such as a gas or electric stove, or in a heated oven.
11. Always use extreme caution when moving an appliance containing hot liquids.
12. The plug to the appliance should be attached first before plugging the cord into a wall outlet.
13. Do not use the appliance for other than intended or specified purposes.
14. To protect against electrical hazard, unplug the cord before cleaning.
15. Scalding may occur if the lid is removed during boiling cycles.

NOTE: This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug was designed to fit into a polarized outlet in only one direction. If the plug does not fit fully into the outlet, do not attempt to force it or modify it in any way. Simply reverse the plug and insert. If it still does not fit, contact a qualified electrician.

# SAVE THESE INSTRUCTIONS

---

## **THIS APPLIANCE IS FOR HOUSEHOLD USE ONLY.**

- A. A short detachable power-supply cord has been provided for your safety. To reduce risks from entanglement or tripping, a longer cord is not recommended.
- B. Extension cords should only be used if care is exercised.
- C. If using an extension cord: (1) the marked electrical rating of the detachable power-supply cord or extension cord should be at least as high as the electrical rating of the appliance; (2) if the appliance is of the grounded type, the extension cord should have a ground-type 3-pronged plug; and (3) the longer cord should not drape over the countertop or tabletop where it can be pulled on by children or tripped over.

## Before use

These WARNINGS and CAUTIONS are intended to protect you and others from personal injury and household damage. To ensure safe operation, please follow carefully.

## WARNINGS

**Do not modify the product. Only a repair technician may disassemble or repair this unit.**

- Attempting to do so may cause fire, electric shock or injury. Make any repair inquiries to Zojirushi Customer Service.

**Do not immerse the product in water or splash it with water, and do not put it on a wet surface such as a sink.**

- Doing so may cause short circuit or electric shock.

**Do not plug or unplug the Power Cord if your hands are wet.**

- Doing so may cause electric shock or injury.

**Do not touch the Steam Vent or bring your hands or face near the Steam Vent.**

- Doing so may cause burns or scalding. Take special precautions with children and infants.

**Do not cover the Steam Vent with anything such as a dishcloth.**

- Hot water may spill out, resulting in scalds. It may also cause deformation or discoloration of the Upper Lid or breakdown of the product.

**Do not allow children to use the product unsupervised. Keep it out of the reach of infants.**

- Children are at risk of burns, electric shock or injury.

**Do not fill over the Maximum Water Level Line.**

- Overfilling may cause hot water to spill out, resulting in scalds.

**Always remove the Upper Lid before disposing hot water.**

- The Upper Lid may fall off and cause hot water to splash, resulting in scalds.

**Do not tilt or shake the product or carry in your arms. Do not move it or drain hot water by holding the Upper Lid.**

- Doing so may result in scalding by hot water spilling out from the Spout or Steam Vent, even if the Automatic Dispense Lock is on. Always use the handle when carrying.

**Do not tilt the product or tip it over.**

- Hot water may spill from the Spout or Steam Vent, even if the Automatic Dispense Lock is on.

**Do not slam the Upper Lid when closing.**

- Hot water may dispense or spill out, resulting in scalds.

**Do not use the product if the Power Plug or Power Cord is damaged or if the Power Plug is loosely inserted into the electrical outlet.**

- Doing so may cause electric shock, short circuit or fire.

**Close the Upper Lid securely.**

- Hot water may spill out when the product is overturned, resulting in scalds.

**Do not remove the Upper Lid while boiling.**

**Do not damage the Power Cord. Do not bend, pull, twist, fold, or attempt to modify the Power Cord.**

**Do not place it on or near high temperature surfaces or appliances, under heavy items or between objects.**

- A damaged Power Cord can cause fire or electric shock.

**Do not use the product as a cooler or place ice inside of it.**

- Doing so may cause condensation, resulting in electric shock or breakdown of the product.

**Do not allow the prongs of the Appliance Plug to become soiled with dust or come into contact with any metal objects.**

- Doing so may cause electric shock, short circuit or fire.

**Do not allow infants or children to put the Appliance Plug in their mouth.**

- Doing so may cause electric shock or injury. Take special precautions with children and infants.

**Insert the Power Plug completely and securely into the electrical outlet.**

- A loosely inserted Power Plug may cause electric shock, short circuit, smoke or fire.

**Use only an electrical outlet rated at 15 amperes minimum, and do not plug other devices into the same outlet.**

- Plugging other devices into the same outlet may cause the electrical outlet to overheat, resulting in fire.

**If the blades or surface of the Power Plug become soiled, wipe them clean.**

- A dirty Power Plug may cause fire.

**Do not use a power source other than 120V AC.**

- Use of any other power supply voltage may cause fire or electric shock.

**Do not boil anything other than water.**

- Attempting to boil, cook, or heat up the following items may cause bubbling or boiling over, which may cause scalding. Doing so may also cause clogging of the water route, corrosion of the Inner Container, or peeling of the Nonstick Coating.

- Milk, sake, soup, charcoal, tea bags or tea leaves.
- Instant food.
- Food and sauce pouches or foods in plastic bags.

**This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.**

●The illustrations used in this Operating Instructions may vary from the actual product you have purchased.

# IMPORTANT SAFEGUARDS (cont.)

**Stop using immediately if you notice any of the following symptoms indicating a malfunction or breakdown.**

- Continued use of the product may cause smoke, fire, electric shocks or injury.
  - The Power Plug or Power Cord has become very hot.
  - The Power Cord is damaged or the electricity turns on and off when touched.
  - The Body is deformed or unusually hot.
  - Smoke is arising from the product or there is a burning smell.
  - Some part of the product is cracked, loose or unstable.
  - The product emits steam for at least 10 minutes continuously and does not turn to Keep Warm mode.

**If any of the above occurs, unplug the product immediately and return to the store where you purchased it for check-ups and/or repairs.**

## CAUTIONS

**Always use caution when opening the Upper Lid and avoid skin contact with steam.**

- Loose water or steam may escape upon opening the Upper Lid and cause scalds.

**Do not touch hot surfaces during or for a short period of time after use.**

- Touching hot surfaces may cause burns. Be especially careful with metal parts such as the Inner Lid and the Inner Container.

**Please allow the product to cool down before cleaning.**

- Touching hot surfaces may cause burns.

**Do not use the product near walls or furniture.**

- Steam or heat may damage, discolor or deform walls or furniture.

**Do not swivel or move the product while dispensing water.**

- Hot water may splash out, resulting in scalds.

**Do not place or use the product on unstable surfaces or on surfaces that are vulnerable to heat.**

- Doing so may cause fire.

**Do not attempt to dispense hot water while it is boiling.**

- Hot water can spurt out, resulting in scalds.

**Do not use other Power Cords than the one provided.**

**Do not use the Power Cord for other appliances.**

**Do not use the Power Cord for overseas models.**

- Doing so may cause malfunction or fire.

**Unplug the Power Plug from the outlet when the product is not in use.**

- Leaving the Power Plug in an outlet may cause the insulation to become damaged, resulting in electric shock, short circuit or fire, or result in injuries or scalds.

**Do not touch the Lid Lock when carrying the product.**

- Doing so may cause the Upper Lid to open, resulting in injuries or scalds.

**Always unplug the product by holding the Power Plug, not by pulling the Power Cord.**

- Pulling the Power Cord to unplug the product may cause electric shock, short circuit or fire.

**Replace the Inner Lid Gasket if it becomes discolored white.**

- Hot water may spill out when the product is tilted or tipped over accidentally, and may cause scalding.

**If the Power Cord is damaged, it must be replaced by an appropriate cord or assembly made available by the manufacturer or its service agent.**

## IMPORTANT

**Do not operate the product when it is empty.**

- Doing so may burn or damage the product.

**Avoid rough handling, dropping or bumping the product.**

- Doing so may cause damage or cease operation of the product.

**Avoid letting steam make contact with cabinets and walls when using near or under a kitchen shelf.**

- Doing so may cause discoloration or deformation.

**Do not use the product near a heat source or on top of induction heating cookers.**

- Doing so may cause fire, breakdown or damage of the product.

**Do not allow hot water to come into contact with the Control Panel or the Water Level Gauge.**

- Doing so may cause breakdown of the product.

**Allow the product to dry completely when storing the product in an area where it may freeze for a long period of time.**

- If water left inside freeze, it may cause breakdown or malfunction.

**Do not drag the product over any surface while attempting to move.**

- Doing so may cause damage to surfaces such as countertops.

**Avoid using the product near a radio, TV, computer, etc.**

- The product may cause interference with certain electronics.

**Do not use the product where its steam may come into contact with other electrical appliances.**

- The steam may cause fire, malfunction, discoloration or deformation to other electrical appliances.

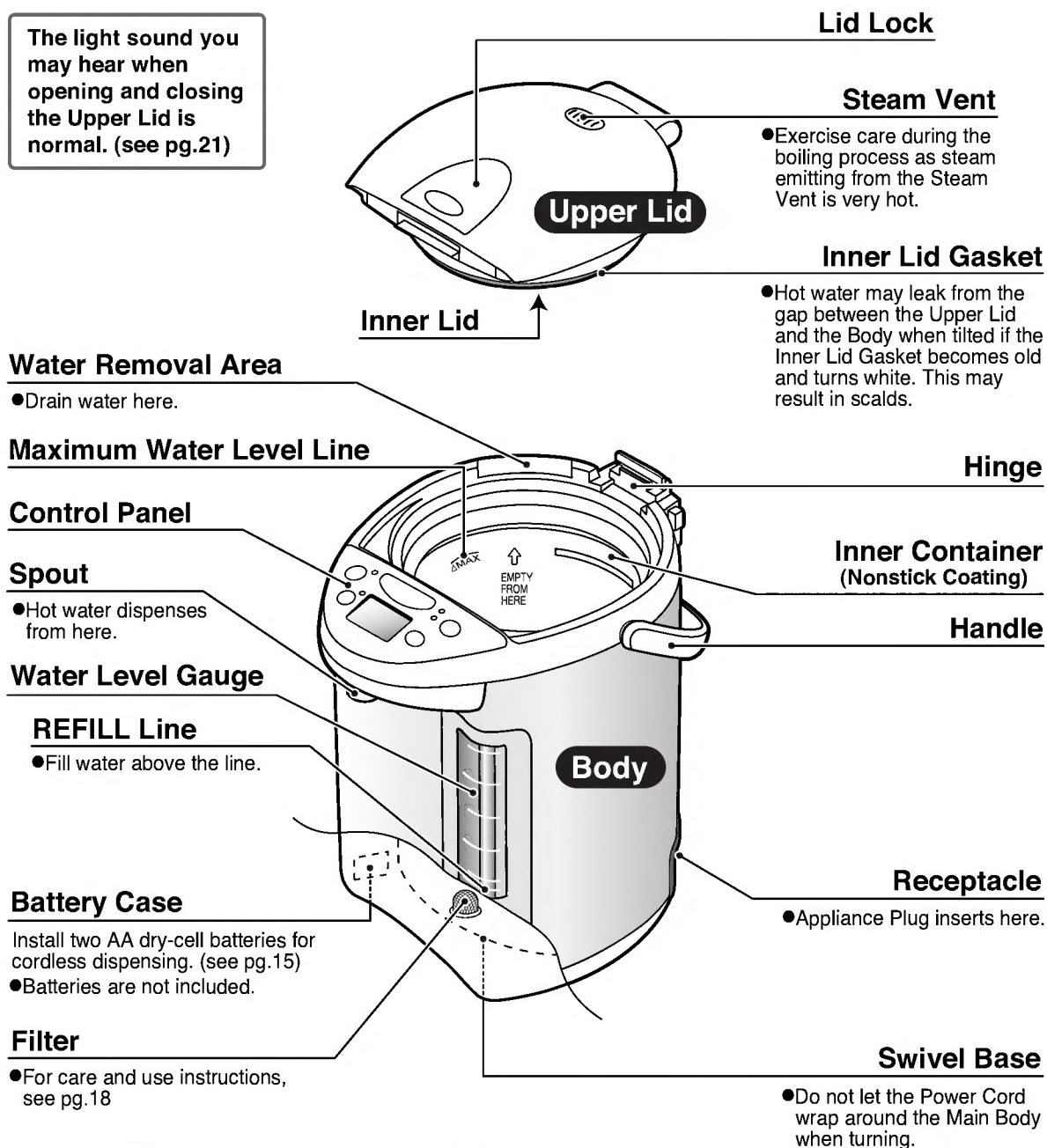
# SPECIFICATIONS

<b>Model No.</b>		<b>CV-DYC40</b>
<b>Capacity</b>		135 oz. (4.0 liters)
<b>Rating</b>		AC 120V 60Hz
<b>Electric Consumption</b>		840W
<b>Average Power Consumption during Keep Warm</b>	<b>208°F (98°C)</b>	Approx. 20W
	<b>195°F (90°C)</b>	Approx. 17W
	<b>175°F (80°C)</b>	Approx. 14W
<b>Length of the Power Cord</b>		2' 11" (0.9m)
<b>External Dimensions</b>	(approx. inches)	8- $\frac{3}{8}$ (W) x 11 (D) x 13- $\frac{13}{16}$ (H)
	(approx. cm)	22 (W) x 28 (D) x 35 (H)
<b>Weight (including the Power Cord)</b>		Approx. 7 lbs. (3.2 kg)

- The average Keep Warm electric power consumption is for one hour, provided that the Inner Container is full and the room temperature is approximately 73°F (23°C).
- The height refers to the product when the handle is down.
- In high altitudes or severely cold areas, the product may not perform as specified. Avoid using the product in such areas or in other extreme conditions.

# PARTS NAMES AND FUNCTIONS

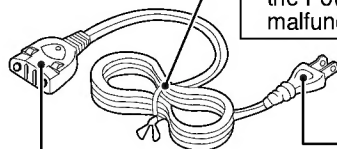
The light sound you may hear when opening and closing the Upper Lid is normal. (see pg.21)



**Power Cord**

**Twist Tie**

- Please remove the twist tie holding the Power Cord before use.
- Do not use the Power Cord bundled up. Doing so may cause the Power Cord to become excessively hot, resulting in malfunction.



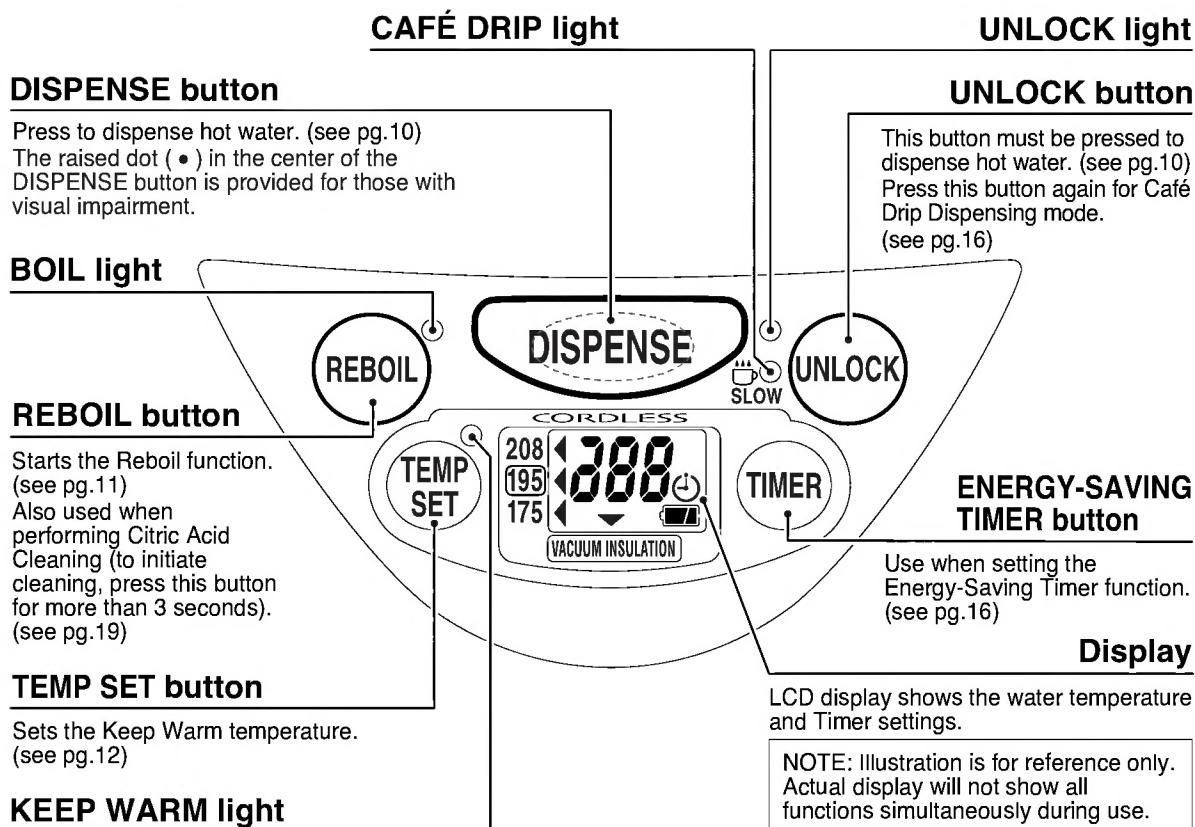
**Power Plug**

**Appliance Plug**



## CONTROL PANEL

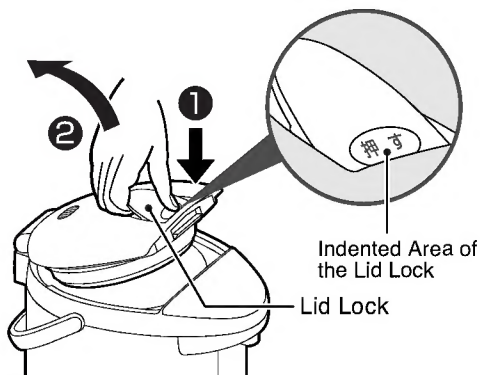
● Press buttons down firmly.



### How to Open/Close the Upper Lid

- To Open**
- 1 Press the indented area of the Lid Lock with thumb.
  - 2 Pull the Lid Lock up with fingers to open the Upper Lid.

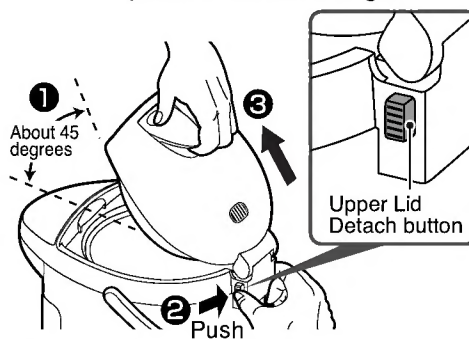
**To Close** Depress the Upper Lid until it clicks shut.



### How to Detach/Attach the Upper Lid

- To Detach**
- 1 Open the Upper Lid to about a 45-degree angle.
  - 2 Press the Upper Lid Detach button.
  - 3 Pull the Upper Lid forward and up at an angle.

**To Attach** Push the Upper Lid back into place at the same angle.

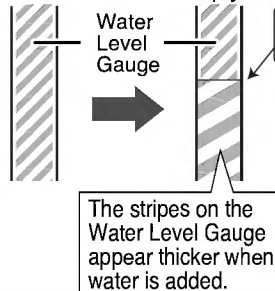


# BOIL MODE

- 1 Open the Upper Lid and fill the Inner Container with water using a pitcher or other container.

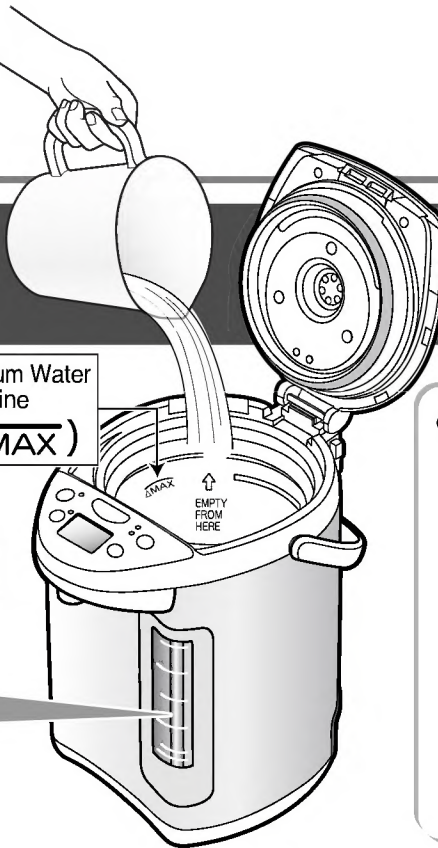
To monitor the amount of water you are filling, look at the thickness of the stripes on the Water Level Gauge.

When the Inner Container is empty.



Present Water Level

Maximum Water Level Line  
( $\Delta$ MAX)



## NOTE

- Do not fill the Inner Container directly from a water faucet or place the product on a wet surface such as a sink. (Exposing the heating element directly to water may cause malfunction.)

- 2 Close the Upper Lid and connect the Power Cord.



Close the Upper Lid securely.

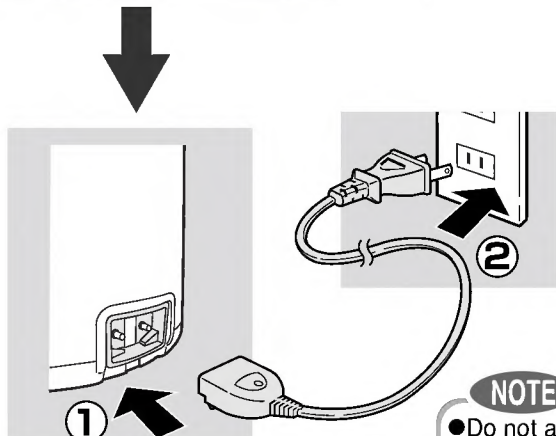
(To ensure safe operation while boiling and to prevent scalds if the product is overturned.)

**It automatically starts the boiling process while performing the Steam-Reduce function.**

The BOIL light turns on and the Display shows the water temperature.

Below 170°F: Display shows the water temperature in 10°F increments.

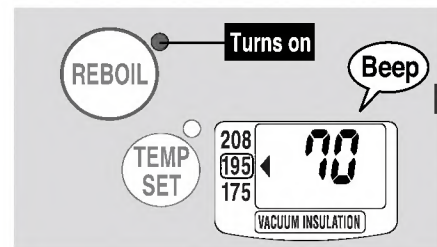
Above 175°F: Display shows [175] → [180] → [185] → [190] → [195] → [200] → [205] → [212].



Be sure to insert the Power Cord securely.  
(Otherwise, may cause electric shock, short circuit, smoke or fire.)

## NOTE

- Do not allow the prongs of the Appliance Plug to get soiled with dust or come into contact with metal objects such as pins.



## STEAM-REDUCE FUNCTION (activates when boiling):

This feature automatically lowers the power just before boiling to reduce the amount of steam emitting from the Steam Vent. (Water temperature will be about 212°F when boiling.)

- Steam may become more noticeable during winter when the room temperature is colder or the amount of water is lower.



## Temperature Conversion Guide

Fahrenheit (°F)	Celsius (°C)
212	100
208	98
195	90
175	80
73	23

The first time you use the product you may notice the smell of plastic. This is normal and will gradually fade away.

- Avoid splashing water on the Body or Control Panel. (May cause malfunction.)
- Do not fill over the Maximum Water Level Line. (Hot water may overflow from the Steam Vent.)
- Do not fill the Inner Container with hot water. (The Automatic Shut-Off function may be activated.) (see pg.11)
- Do not fill the Inner Container with any liquid other than water.
- Do not use water additives such as charcoal for water purification or mineral additives. (Small particles may get clogged inside of the product.)

### ● At your initial use or when using the product after a long period of storage:

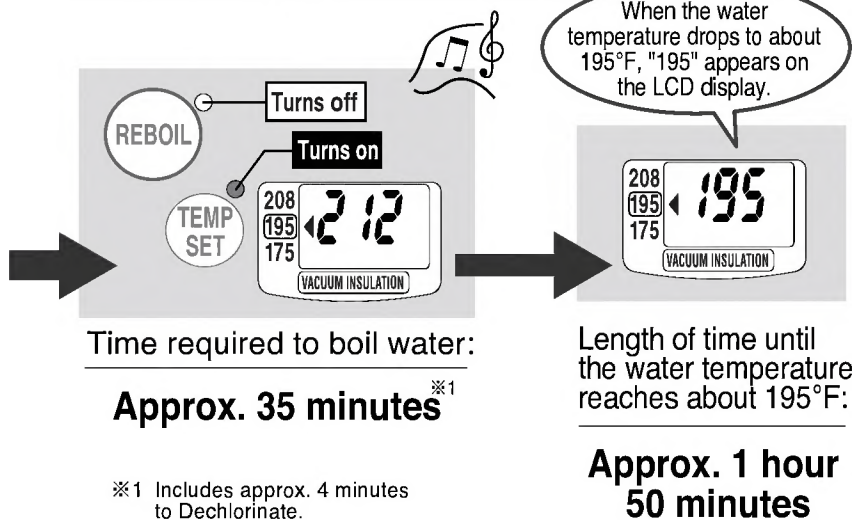
Attach the Filter, fill the Inner Container with water to the MAX line and boil as directed. Once it reaches a boil, dispense about 34 oz. (1 liter) of water and dispose the remaining water. Fill with fresh water.

### ● When using mineral or alkaline iodized water:

When mineral or alkaline iodized water is used, a floating residue may develop or a milky white substance may form on the surface of the Inner Container. This is due to the ingredients in the water and is harmless to your health. Frequent cleaning is recommended.

**When boiling has completed, a melody sounds and it automatically switches to 195°F Keep Warm mode.**

How to change the Information Sound from a melody to a beep. (see pg.16)



※1 Includes approx. 4 minutes to Dechlorinate.

(At a room temperature of 73°F with the Inner Container filled to the Maximum Water Level Line with water temperature at 73°F.)

### 195°F KEEP WARM MODE:

You can reduce electricity consumption by about 51%<sup>※2</sup> during 195°F Keep Warm mode compared with 208°F Keep Warm mode.

※2 The energy savings has been calculated under the conditions of using the product 24 hours a day, 365 days a year, refilling water twice a day, reboiling twice a day, then deducting the electricity for boiling & reboiling twice per day.

### How to set the Keep Warm Mode:

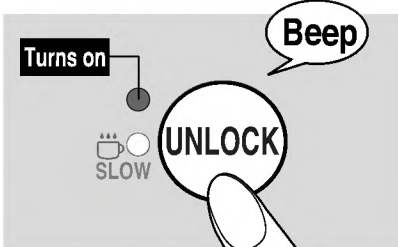
208°F Keep Warm Mode. (see pg.12)  
175°F Keep Warm Mode. (see pg.12)  
Vacuum Insulation (Non-Electric) Keep Warm Mode. (see pg.13)

### NOTE

- Add water when the water level is low during the Keep Warm mode. (The product automatically begins heating the water.) If the water level is still not high enough, it will not automatically switch to Boil. In this case, press the REBOIL button to manually start the process. (see pg.11)
- Please follow the instructions below to reduce the risk of scalding:
  - Do not cover the Steam Vent with a cloth.
  - Be careful of steam coming out from the Steam Vent.
  - Do not open the Upper Lid while the BOIL light is on.
  - Do not dispense hot water while it is boiling.

# DISPENSE HOT WATER

**1** Press the **UNLOCK** button.



The **UNLOCK** light turns on and hot water can be dispensed.

- When the **UNLOCK** light is off, water cannot be dispensed.

## NOTE

- Do not unlock and press the **DISPENSE** button if the Inner Container is empty.

**2** Press the **DISPENSE** button to dispense hot water.



Do not swivel the product while dispensing water.

- Initially upon boiling or if it has been a while after dispensing, the water may not be very hot. Please discard the first cup (of the hot water).
- Do not attempt to dispense hot water while boiling.
- Water may not dispense smoothly immediately after boiling.
- Be careful as the Body heats up during the Boil and Keep Warm modes.



10 seconds after dispensing, the **UNLOCK** light turns off and the Automatic Dispense Lock is activated.

## Automatic Dispense Lock

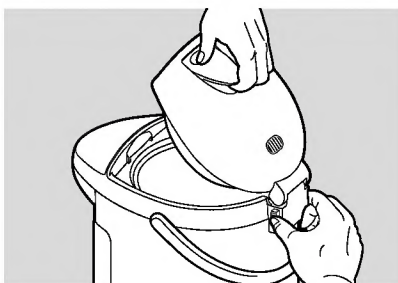
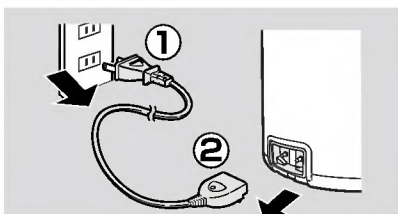
A safety function to prevent hot water from dispensing if the **DISPENSE** button is accidentally pressed.

- Even if no water is dispensed, the Automatic Dispense Lock will be activated after about 10 seconds.

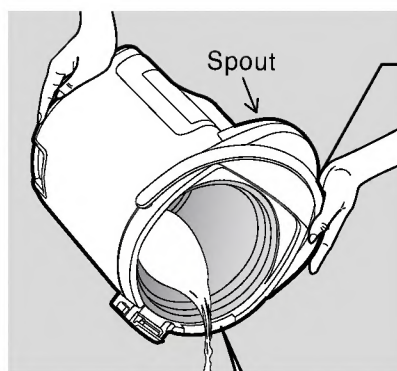
Do not tilt or shake the product after dispensing. Hot water may drip from the Spout, causing scalds.

# DISPOSE WATER

**1** Unplug the Power Cord and detach the Upper Lid.



**2** Hold the product with both hands and dispose water where indicated "EMPTY FROM HERE" on the wall of the Inner Container.



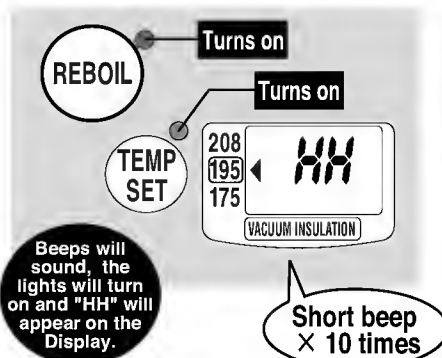
Water Removal Area  
**EMPTY FROM HERE**

Hold the Handle securely.

## When disposing hot water:

- Take precaution with the hot water and steam. You may scald yourself.
- Take precaution as hot water may drip from the Spout, causing scalds.

## Automatic Shut-Off function



- Be careful not to repeat the boiling process without filling the Inner Container with water, as the Nonstick Coating may discolor and peel.

The Automatic Shut-Off function activates to shut down power to the heater in order to prevent damage from overheating. The Display will show "HH" to alert you that the Automatic Shut-Off has been activated. The following conditions may cause activation:

- When plugged in without filling the Inner Container with water.
- When the water level is lower than the REFILL Line and boiling has been attempted.
- When the Inner Container is empty or the Upper Lid is left open for adding water.
- When pouring in hot water immediately after plugging in the unit.

**Remedy** Unplug the product. Allow the Inner Container to cool. Fill the Inner Container with water and plug back in.

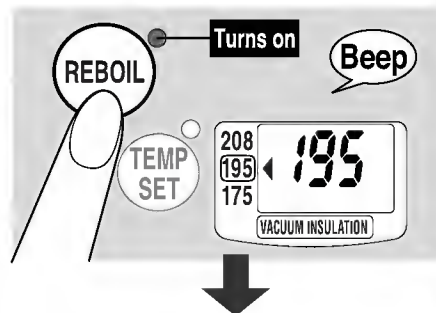
### NOTE

- Do not plug or unplug the Power Plug or Appliance Plug with wet hands. (Doing so may cause short circuit or electric shock.)
- Do not dispose hot water with the Upper Lid in place. (The Upper Lid may come off, spilling hot water and causing scalds.)
- Do not allow water to splash on the Control Panel, Hinge, Handle, Receptacle or Battery Case. (Could cause scalding or breakdown.)
- Please do not lose the Filter while disposing water.
- Please make sure the Battery Case does not fall out.
- Dispose the water at least once a day. (Leaving water in the Inner Container can accumulate scale.)

This function is used when reboiling water in the Keep Warm mode.

## Reboil mode

Press the **REBOIL** button. The BOIL light turns on when the boiling process begins.



When the Reboil process is completed, the product switches to Keep Warm mode.

- The Steam-Reduce function may not activate when reboiling.
- Do not attempt to dispense hot water while reboiling.
- Water may not dispense smoothly for a short period of time after reboiling.

Time required to finish reboiling

(At a room temperature of 73°F (23°C) with the Inner Container filled to the Maximum Water Level Line.)

208°F Keep Warm mode

Approx. 3~4 minutes

195°F Keep Warm mode

Approx. 6~7 minutes

### NOTE

- Make sure the water level is above the REFILL Line before pressing the REBOIL button.

# 208°F KEEP WARM MODE / 175°F KEEP WARM MODE / VACUUM INSULATION KEEP WARM MODE

Press the **TEMP SET** button to change the settings.

Each press of the button changes the position of the "◀" on the display.

195 → 208 → 195 → 175 → VACUUM INSULATION  
(Default)

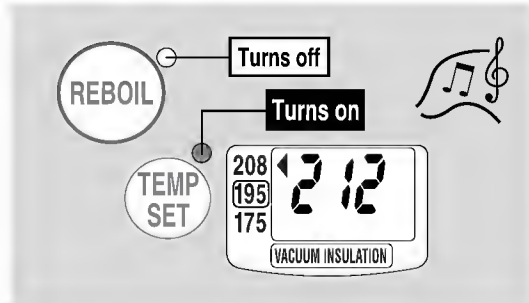
Detaching the Power Cord and reinserting it may return the product to the 195°F Keep Warm mode.

For making coffee, tea and instant noodles

## 208°F Keep Warm Mode

208°F is ideal for making coffee, tea or instant noodles.

Select the "208" on the Display.



When the boiling process has completed, a melody sounds, the BOIL light turns off and the KEEP WARM light turns on.



When the water temperature reaches 208°F, "208" appears on the Display.

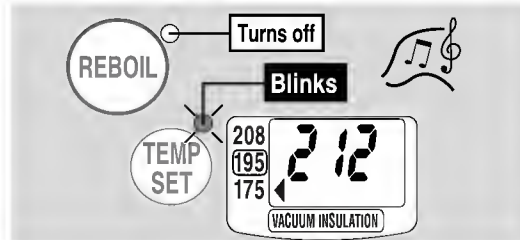
- Depending on the altitude where the product is used, the Keep Warm mode may be set at 205°F-207°F, in order to prevent continuous boiling.

For making Japanese (green) tea

## 175°F Keep Warm Mode

175°F is ideal for making Japanese (green) tea.

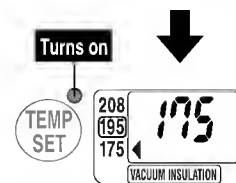
Select the "175" on the Display.



When the boiling process has completed, a melody sounds, the BOIL light turns off, and the KEEP WARM light begins to blink.

( If initiated during Keep Warm mode, the light )  
will blink 2 seconds after the selection.

When the water temperature reaches about 175°F, "175" appears on the Display, and the KEEP WARM light stops blinking and remains on.



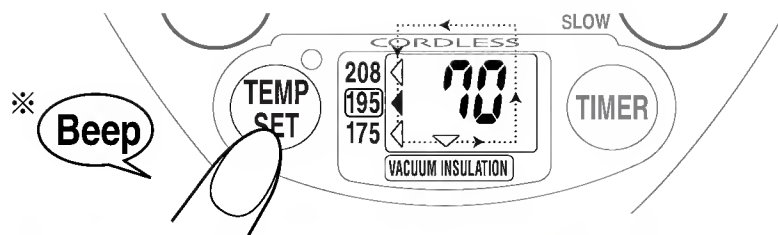
■ Length of time for the water temperature to reach 175°F after boiling:

**Approx. 4 hours and 20 minutes**

(At a room temperature of 73°F with the Inner Container filled to the Maximum Water Level Line.)

- The length of time for the water temperature to reach 175°F will vary depending on the amount of water and room temperature.
- If you wish to shorten the time, add less water to the Inner Container.
- If water is added as the temperature is lowering during this mode, the product may not automatically reboil.





※ You will hear two beeps when 195°F Keep Warm mode is selected.

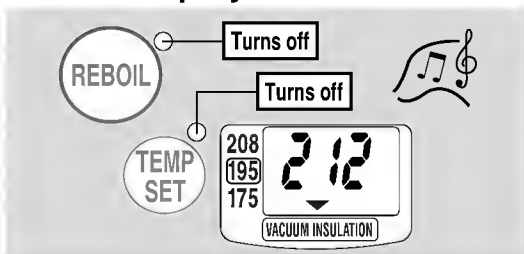
- You can change the temperature setting during Keep Warm mode.  
(It may start reboiling depending on the water temperature and the selected setting.)

For saving electricity

## Vacuum Insulation Keep Warm Mode

This mode saves electricity by shutting off the power to the heater after the boiling process is completed and keeps it warm by thermal insulation.

### Select "VACUUM INSULATION" on the Display.



When the boiling process has completed, a melody sounds, and both the BOIL light and KEEP WARM light turn off.

#### ■ Water temperature during VACUUM INSULATION Keep Warm Mode:

After boiling completes		
2 hours later	4 hours later	6 hours later
Approx. 199°F	Approx. 188°F	Approx. 177°F

Temperatures are measured in the center of the Inner Container and are based on a room temperature of 73°F, with the maximum amount of water.

- As the water temperature drops, the display temperature may be lower than actual when the Vacuum Insulation Keep Warm mode is selected.
- The lower the amount of water, the faster the temperature will drop.
- During the Vacuum Insulation Keep Warm mode, the product will not automatically start reboiling. To resume boiling, manually press the REBOIL button.
- If this mode is selected while boiling, it will change to Vacuum Insulation Keep Warm once boiling has completed.
- When the Energy-Saving Timer function is selected, the product completes boiling at the set time, then returns to the Vacuum Insulation Keep Warm mode.

### If the Power Cord is detached:

- Reinsert the Power Cord if it is accidentally detached.
- If the cord is detached for more than a few minutes and reinserted, the product returns to the 195°F Keep Warm mode and may start reboiling automatically.

### ■ Temperature Conversion Guide

Fahrenheit (°F)	Celsius (°C)
212	100
208	98
207	97
205	96
199	93
195	90
188	87
177	81
175	80
73	23



# CORDLESS DISPENSING

## Cordless Dispensing

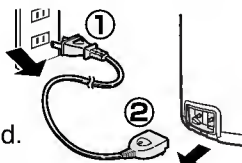
A convenient function that allows dispensing of hot water without plugging in the Power Plug.

**1** Check that the Power Cord is connected.

**2** Check that the batteries are installed.

**3** Disconnect the Power Plug.

Hot water may not dispense unless the batteries are properly installed before the Power Plug is disconnected.



**4** Dispense hot water.



### NOTE

- Features other than dispensing will not be available.
- The water temperature will drop as time advances (the water temperature will drop approximately 7°F (4°C) after an hour, provided that the room temperature is 73°F (23°C) with the Inner Container filled to the Maximum Water Level Line). The lower the amount of water in the Inner Container, the quicker the water will cool.
- The possible dispensing rate of hot water will be slower than when dispensing with the Power Plug connected. Furthermore, hot water may not dispense smoothly when dispensing hot water for extended periods of time. In this case, stop dispensing and wait a few seconds, then resume dispensing.
- The temperature shown on the LCD Display may not change as quickly as the change in water temperature.
- The LCD Display will turn off approximately 5 hours after the product is unplugged, and cordless dispensing will no longer be available. (If batteries are not installed, the Display will stay on for approximately 1 hour after the product is unplugged, but you will not be able to dispense.)

**Do not tilt or shake the product after dispensing. Hot water may drip from the Spout, causing scalds.**

## REMAINING BATTERY LEVEL DISPLAY

Indicates the remaining battery level for cordless dispensing.

Approximate New Battery Life for Cordless Dispensing: Approx. 300 liters (80 gallons)



The batteries are usable.



The batteries will need to be replaced soon.

(Please replace batteries if this display is showing during cordless dispensing.)



Batteries are not installed, or need to be replaced.

- New batteries may not work as intended if left unused in the Battery Case for an extended period of time.
- The remaining battery level display will not show when the product is plugged in.
- This display is for guidance only.
- The remaining battery level display may not be accurate immediately after the product is unplugged or the batteries have just been replaced. (The remaining battery level will be reset once cordless dispensing is operated.)
- During Café Drip Dispensing mode, hot water may not dispense even if the remaining battery level display indicates that the batteries are usable. In this case, press the UNLOCK button to return to the normal dispensing mode to dispense.

## Install Batteries

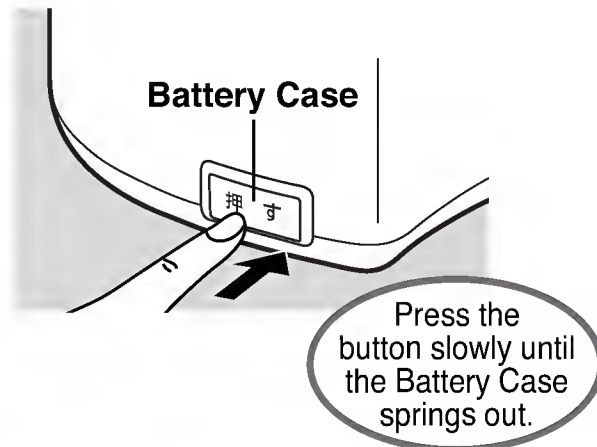
Install two AA Alkaline batteries before operating Cordless Dispensing.

### 1 Remove the Battery Case.

Press the button (押す) on the Battery Case.

#### NOTE

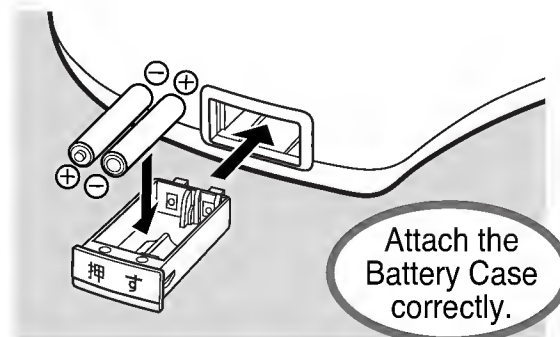
- Do not press the button on the Battery Case forcefully. (The Battery Case may pop out, causing malfunction.)



### 2 Install two AA batteries.

#### NOTE

- Be sure to set the polarity (+ -) of the batteries correctly.



## Handling Batteries

Misuse of dry-cell batteries may cause liquid leakage, explosion or heat generation, causing injury or product failures. Be sure to follow the instructions below for proper handling.

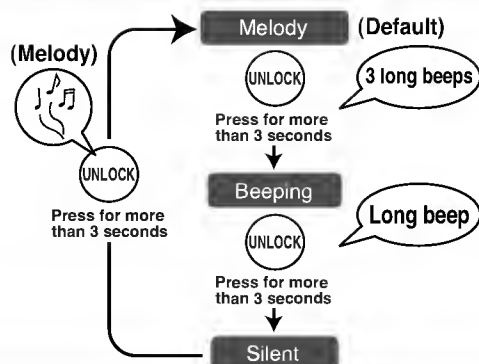
- Remove batteries from Battery Case if storing for a long period of time without use. Batteries left in Battery Case may leak.
- Do not short-circuit, charge, disassemble or heat dry-cell batteries. Do not throw them in fire.
- Do not use rechargeable batteries such as nickel-cadmium batteries as they are not completely compatible with dry-cell batteries in size, shape or performance.
- Promptly remove dead dry-cell batteries from the Battery Case and replace with new ones. Be sure to change both batteries together.
- Do not mix new and used batteries, or different types of batteries.

# HOW TO CHANGE THE INFORMATION SOUND / CAFÉ DRIP DISPENSING MODE / ENERGY-SAVING TIMER FUNCTION

## How to Change the Information Sound

- 1 Press the **UNLOCK** button for more than 3 seconds during the boiling process or Keep Warm mode.

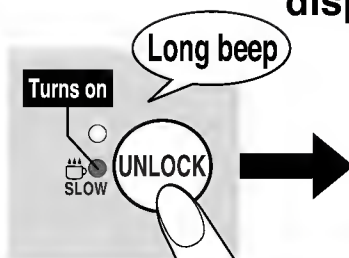
● Each button press changes the Information Sound.



## Café Drip Dispensing Mode

Press the **UNLOCK** button twice.

When the orange-colored CAFÉ DRIP light turns on, Café Drip Dispensing mode is activated.



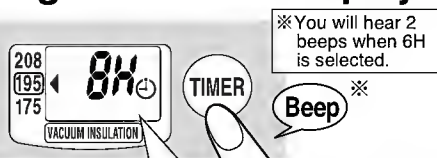
Press the **DISPENSE** button to dispense hot water.

When the light turns off, the Automatic Dispense Lock will be activated.



## Energy-Saving Timer Function

Press the **TIMER** button until the desired length of time is displayed.



Timer settings: (H for hours)  
6H → 7H → 8H → 9H → 10H → Cancel

A melody sounds and the Energy-Saving Timer function is activated.

The Boiling function will complete at the set time.

A melody sounds, the BOIL light turns off and the KEEP WARM light turns on.

Boiling may stop earlier than set, depending on room temperature, water temperature and amount of water.

- **Information Sound:** The product informs you with a melody or beeps that it has finished boiling or the timer has been set.

## 2 Once your desired sound (melody or beep) is heard, the setting is completed.

- The information sound cannot be changed when the product is used cordless.
- If the Silent setting is selected, a beep will indicate the setting has completed.
- The Information Sound will return to Melody if the product is unplugged.

### When and what types of Information Sounds are heard:

Type	Melody	Beeping	Silent
When			
Timer is set	Beautiful Dreamer	×	×
Boiling stops	Minuet	5 long beeps	×

This mode decreases the amount of water dispensed to 60% of the normal setting, making it suitable for brewing café drip coffee.

- Pressing the UNLOCK button again during Café Drip Dispensing mode returns it to the normal dispensing mode.
- You can use the Café Drip Dispensing mode for about 60 seconds while the CAFÉ DRIP light is on.
- If the water level is low, it may take longer for water to begin dispensing after pressing the DISPENSE button.
- If the water level is low or boiling has just completed, water may not dispense smoothly.
- Cordless dispensing may not work if the remaining battery level is too low.

#### NOTE

- Be careful not to burn yourself.
- If using a cone filter placed directly on a cup, be careful not to let it fall inside the cup while brewing.
- When using a manual drip coffee cone, dispense a cup of hot water before brewing. (The first cup may not be hot enough.)

This function helps save energy by shutting off electricity to the product when not in use, and completes boiling in the selected amount of time. The heater is turned off until ready to begin boiling.

#### SAVINGS!

You could save electricity by about 30% when 208°F (98°C) Keep Warm mode is selected, and 15% when 195°F (90°C) Keep Warm mode is selected.

(The energy savings has been calculated under the conditions of using the product 24 hours a day, 365 days a year, refilling and boiling water twice a day, reboiling once a day, and using the Energy-Saving Timer set at 8H.)

#### NOTE

- If the Power Cord is detached, the Energy-Saving Timer function will be cancelled and must be reset.
- To cancel the Timer, press the TIMER button several times or press the REBOIL button once.



# CLEANING AND MAINTENANCE

Always unplug the Power Cord, dispose all water, and allow to cool completely before cleaning.

## NOTE

- Do not attempt to dry the product by turning it upside down when the bottom is wet. (Water may get inside the body and cause it to break or rust.)
- Do not use a thinner, benzene, abrasive cleansers or brushes (nylon/metal), bleach or anything that may damage the surface of the product. (May cause damage to the Nonstick Coating.)
- Do not use a dishwasher or dish dryer for cleaning or drying. (May cause the plastic parts to deform.)
- Before storing the product for a longer period of time, dry it completely and pack in a plastic bag to prevent odors from being absorbed.

### Inner Lid

Wipe with a soft wet sponge.

### Inner Container

Perform the Citric Acid Cleaning (see pg.19) periodically.

#### Especially when...

- Red rust-like spotting is visible on the Inner Container.
- Milky white or gray discoloration and/or filmy objects are found in the water.
- Boiling is louder than usual.
- Hot water has an odor.

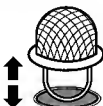
(The condition of the Inner Container will vary depending on the water quality and frequency of use.)

### Filter

Remove the Filter from the Inner Container and wash with a soft brush.

Pull the Filter up to release, and press down firmly to attach.

If you find it difficult to clean the Filter, replace it with a new one.



- Never use the product without installing the Filter. (The Filter prevents foreign objects from entering the Electric Pump and obstructing the flow of hot water.) (see pg.19)

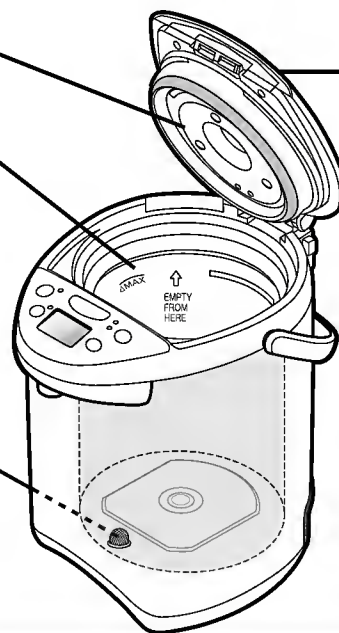
### Power Cord

Wipe clean with a dry cloth.

### Body/Upper Lid

Wipe clean with a damp well-wrung cloth.

- Do not wash any part of the Body or Control Panel with water. (May cause malfunction or rust.)



## HOW TO REPLACE THE INNER LID GASKET

The Inner Lid Gasket may need to be replaced due to time and wear. Check it about once a year.

Wipe new Inner Lid Gaskets with a wet soft sponge before attaching to the Inner Lid.

### To remove the Inner Lid Gasket

- ① Loosen the 3 screws.
- ② Remove the Inner Lid Gasket.

## NOTE

- Do not remove the screws from the Upper Lid to avoid losing them.

### To attach the Inner Lid Gasket

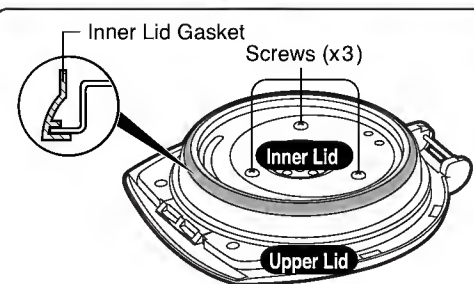
- ① Fit the Gasket of the Inner Lid securely to the outer circumference as shown in the figure.
- ② Tighten the screws securely.

## NOTE

- If you remove the Inner Lid, be sure to reinstall it correctly.

When the Inner Lid Gasket takes on a white discoloration.

Please purchase and replace with a new one.



Hot water may leak from the gap between the Upper Lid and the Body when tilted if the Inner Lid Gasket becomes old and turns white. This may result in scalds. If hot water spews from the gap or there is steam even after replacing the Inner Lid Gasket, other parts may be in need of repair. Please contact Zojirushi Customer Service.



Perform every 1-3 month(s) of usage

# HOW TO PERFORM CITRIC ACID CLEANING

Do not drink the water used for citric acid cleaning.

## NOTE

In order to prevent gas bubbles and bubbling-over, the Citric Acid Cleaner for Electric Water Boilers (CD-K03E-JU) is recommended for cleaning. To purchase this cleaner, please visit an authorized Zojirushi dealer or [www.zojirushi.com](http://www.zojirushi.com).

## Preparation:

Check that the Filter is attached to the Inner Container.



## NOTE

● If the Filter is dirty, remove it from the Inner Container, wash with a soft brush and reinstall.

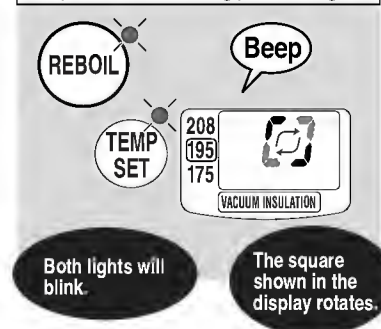
**1** Put 1 package of the Citric Acid Cleaner CD-K03E-JU in a cup and add warm water to dissolve. Pour it into the Inner Container and fill with water to the Maximum Water Level Line.

## NOTE

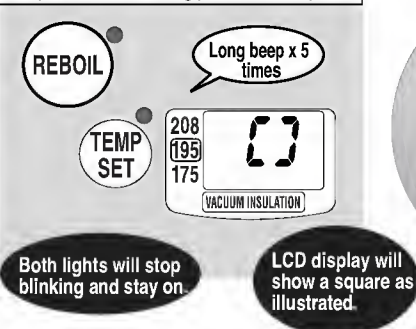
● Do not fill over the Maximum Water Level Line. (Hot water may spill out, resulting in scalds.)

**2** Close the Upper Lid, insert the Power Plug and press the **REBOIL** button for more than 3 seconds.

Beeps when the cleaning process begins.



Beeps when the cleaning process is completed.



Cleaning time:  
**Approx. 1.5 hours.**

※ Cleaning times may vary depending on the amount of water, water temperature and room temperature.

**3** Unplug the Power Plug, detach the Upper Lid and dispose water where indicated "EMPTY FROM HERE." (Please take precautions not to splash water on the Hinge.)

## NOTE

● Repeated citric acid cleaning may be necessary for hard-to-remove residues or if water does not dispense smoothly.

**4** To remove the smell of citric acid, fill the Inner Container with water. Boil and dispense about a cup of hot water, allow to cool, then dispose the remaining water.

### When disposing hot water:

- Take precaution with the hot water and steam. You may scald yourself.
- Take precaution as hot water may drip from the Spout, causing scalds.

● If mineral or alkaline iodized water is used, calcium tends to build up on the surface of the Inner Container. If scale accumulates on the Inner Container or the Filter, boiling may become louder than usual and water may not dispense smoothly. Frequent cleaning is recommended when using mineral or alkaline iodized water.

**To cancel the Citric Acid Cleaning at any time, unplug the Power Plug for more than 5 seconds.**

## REPLACEMENT PARTS

- Replacement parts may be available for an additional charge. Please replace damaged parts only with new parts.
- When replacing parts, please record the model number and part name beforehand. Then contact either the store where you purchased the product or Zojirushi Customer Service.

### Zojirushi Customer Service

1-800-733-6270 [www.zojirushi.com](http://www.zojirushi.com)



Parts Names	Parts Number
Inner Lid Gasket	627303-00
Filter	627402-00
Citric Acid Cleaner for Electric Water Boilers (1 oz. / 30 g × 4 packets)	CD-K03E-JU



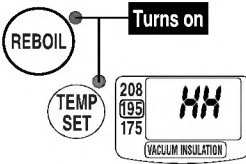
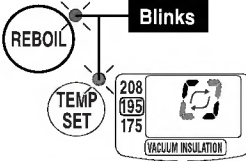


# Q&A ON PRODUCT USE

Is it okay to use the product for heating liquids other than water?	▶ Do not fill the product with any liquid other than water. It may cause malfunction, or may overflow and cause scalding.	▶ pg.3
Does the water need to be changed every day?	▶ To prevent scale from building up, please change the water at least once a day.	▶ pg.10
Is it okay to use mineral water?	▶ Yes. However, when mineral water is used, a floating residue may develop or milky white substance may form on the surface of the Inner Container. This is due to the ingredients in the water and is harmless to your health.	▶ pg.9
Is it okay to use alkalized ionic water?	▶ Yes. However, calcium tends to build up on the surface of the Inner Container with this type of water, so frequent cleaning is recommended.	▶ pg.19
I accidentally drank water while performing the citric acid cleaning. Is this harmful to my health?	▶ Please follow the instructions shown on the package of the citric acid cleaner CD-K03E-JU.	
Is it okay to go out while the product is switched on?	▶ It is safe to use the product unattended as it has an Automatic Shut-Off function (power to the heater will be automatically turned off), which will be activated once it is empty of water.	▶ pg.11

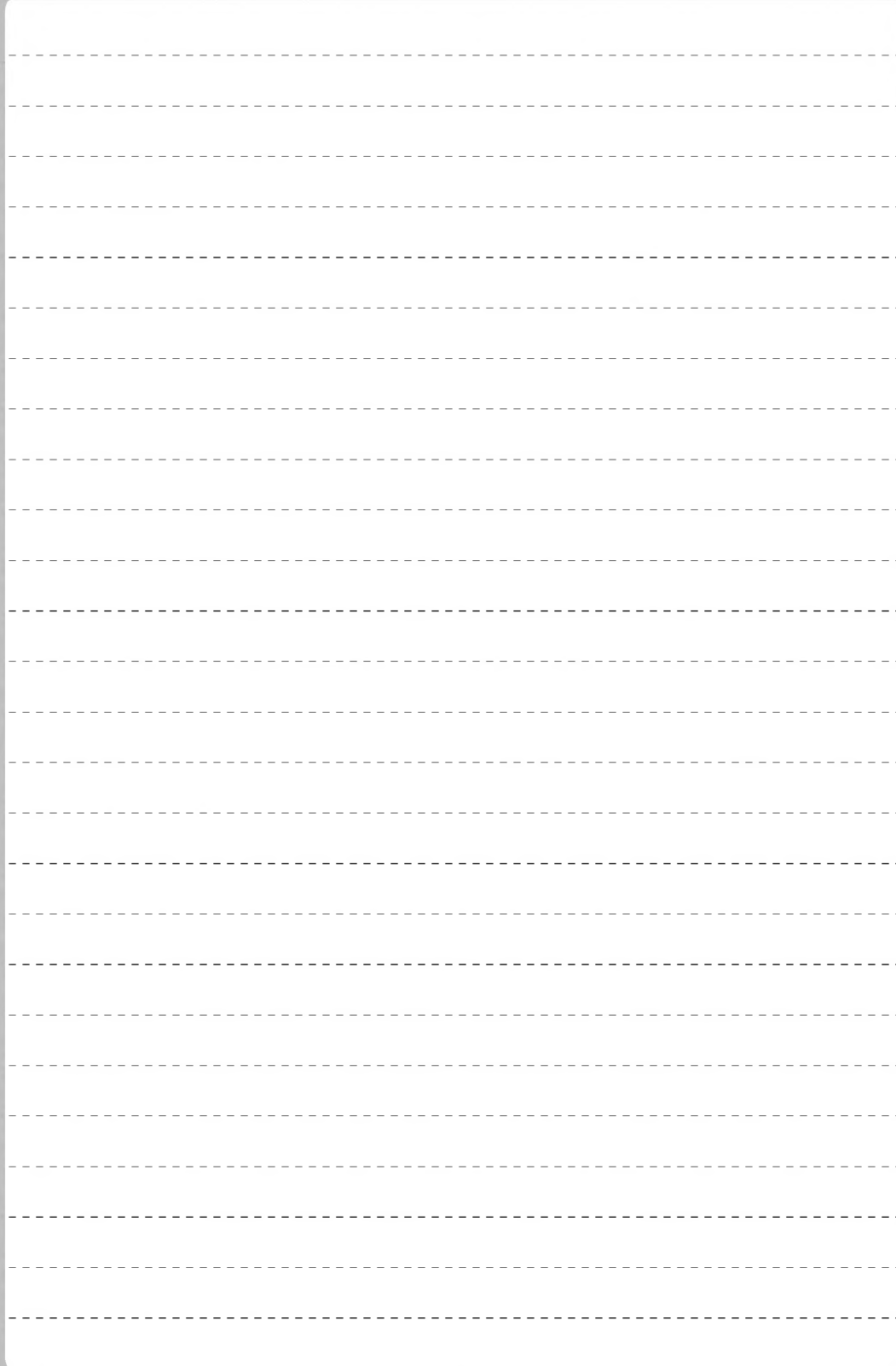
## TROUBLESHOOTING GUIDE

Please check the following points before calling for service.

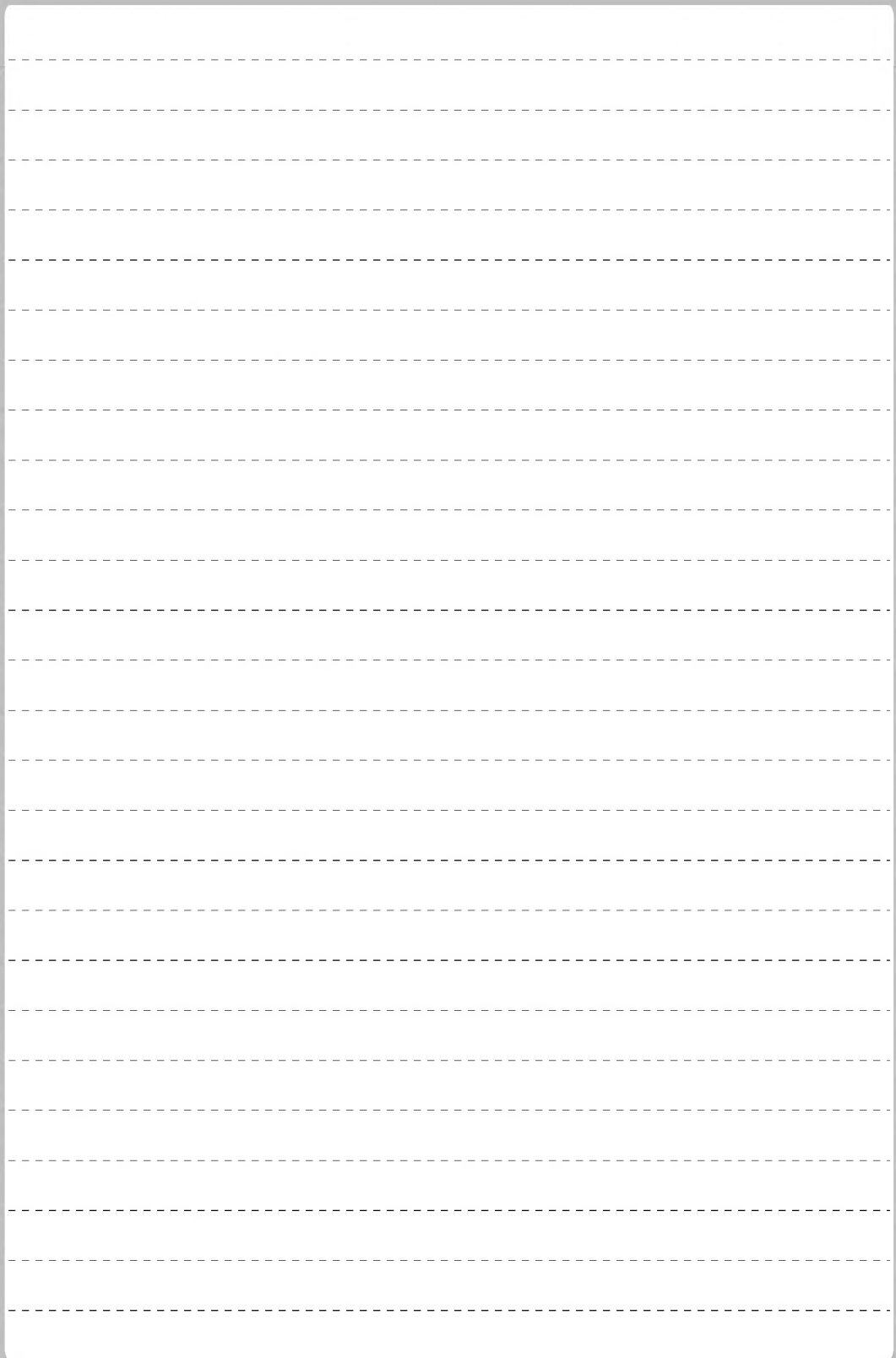
	Condition	Cause	Remedy
Boil mode	Water does not boil.	Power Plug is not connected to an electrical outlet.	Connect the Power Plug.
	Hot water has a disagreeable odor.	Scale or other residue has accumulated on the Inner Container.	Perform citric acid cleaning. (see pg.19)
		You have not performed citric acid cleaning regularly.	
		The product has not been used for a long time.	Boil water, unlock and dispense about 34 oz. (1 liter) of hot water. Discard the remaining. (see pg.9)
	●A mild plastic odor may be noticeable with a new product. This odor will gradually fade away. ●You may smell chlorine (used for sterilization of tap water) after boiling.		
	Water pours out by itself from the Spout or Steam Vent.	Check that the Inner Container is not filled over the Maximum Water Level Line.	Pour out the excess water until it is below the Maximum Water Level Line.
Dispense hot water	Water is not hot.	●Initially upon boiling or if it has been a while after dispensing, the water may not be very hot. Please discard the first cup (of the hot water).	
	Water does not dispense or does not pour properly.	Hot water does not pour properly a few minutes after boiling.	Open the Upper Lid to release air bubbles, then close. (Be careful of steam when opening the Upper Lid.)
		Scale or other residue has accumulated on the Inner Container and Filter.	Clean the Inner Container and Filter. (see pg.18)
		The Automatic Dispense Lock is engaged.	Press the  button, then press the  button. (see pg.10)
		Power Plug is not connected to an electrical outlet. (When no batteries are used.)	Connect the Power Plug.
		The batteries may be dead, not installed correctly, or not installed at all.	Install new batteries. (see pg.15)
		The product is unplugged with no batteries installed.	Install batteries, unplug, and then operate cordless dispensing.
		Calcium may build up in the water route and prevent water from dispensing smoothly.	Perform citric acid cleaning. (see pg.19)

	Condition	Cause	Remedy
Keep Warm	A filmy, floating residue is noticeable. (Could the Nonstick Coating be peeling off?)	Residue is due to the mineral content in water, not from corrosion of the Inner Container or peeling of the Nonstick Coating.	Perform citric acid cleaning. (see pg.19)
	Milky white and rough-surfaced objects have built up on the surface of the Inner Container. (Boiling is louder than usual.)	Excessive accumulation of scale and other build-up on the surface of the Inner Container can cause boiling to become louder.	<b>Scale</b> Over time and use, calcium and other minerals contained in water build up on the surface of the Inner Container and the Filter. It is called "scale" and is harmless to your health.
	Red rust-like spotting appears on the Inner Container surface.	Caused by iron in the water, not deterioration of the Inner Container.	
	Water cools easily during Vacuum Insulation Keep Warm mode.	The amount of water kept warm is too low.	Add water (below the Maximum Water Level Line) and press the  button.
	Water is not hot.	Are you using the product cordless?	The water temperature will drop as time advances while the product is used cordless. (see pg.14)
Is the Vacuum Insulation Keep Warm mode selected? If yes, then power to the heater has been turned off, causing the water temperature to gradually drop.		Press the  button. (see pg.13 & 16)	
Is the Timer set?			
Error Displays and their meaning	A beep sounds, lights turn on and "HH" appears on the Display.	 <b>Turns on</b> The Inner Container is low on water or hot water was added to the Inner Container, causing the Automatic Shut-Off function to engage. (see pg.11)	Unplug the Power Plug and wait until the Inner Container cools down. Add water and plug in the Power Cord.
	2 lights blink at the same time and the Display shows a rotating square.	 <b>Blinks</b> The Inner Container is in a citric acid cleaning cycle. (see pg.19)	To cancel the citric acid cleaning cycle, unplug the Power Plug and wait more than 5 seconds before plugging back in.
	 or  is displayed.	Indicates malfunction.	Please contact the store where you purchased the product or Zojirushi Customer Service.
Miscellaneous	Inner Lid Gasket	●The Inner Lid Gasket is replaceable so please check it every year. When steam comes out from the gap between the Upper Lid and the Main Body, or becomes white or discolored, replace it with a new one. (see pg.18)	
	Plastic Parts	●The plastic part of the Upper Lid may deteriorate over use. If discoloration occurs or the surface becomes coarse, replace the Upper Lid.	
	The Body becomes hot.	●When the water temperature and/or room temperature is high, the outer surface of the Body may reach up to 140°F (60°C). This is not a malfunction.	
	The Power Cord becomes hot.	●The Power Cord may become hot while the water is boiling. This is not a malfunction.	
	You hear a light sound when opening and closing the Upper Lid.	●This sound is normal and comes from the movement of the weight which prevents hot water from overflowing when the product is closed.	
	Humidity builds in the Display window.	●If water is filled from a faucet or the product is placed directly on a sink and the bottom becomes wet, water may go inside of the Main Body and the Display may show moisture. If this happens, stop using the product and allow it to dry as it may cause short circuit or electric shock.	
The Nonstick Coating of the Inner Container may become damaged over use. Contact the retail store where you purchased this product or call Zojirushi Customer Service at: 1-800-733-6270			

## Memo Please use as notations.

A large rectangular area with horizontal dashed lines for writing. The lines are evenly spaced and extend across the width of the area. The area is framed by a light gray border.

## **Memo** Please use as notations.

A large rectangular area with horizontal dashed lines for writing, intended for notes or notations. The area is white and is framed by a gray border.





[www.zojirushi.com](http://www.zojirushi.com)